

BITTEL-DOBZYNSKA, N.

New method of puncture of the hip joint based on study of anatomical relations in subjects of both sexes and of various ages used in arthrographic investigations. Chir. narz. ruchu ortop. polska 18 no.4:207-302 1953. (CINL 25:5)

1. Of the Institute of Topographical Anatomy (Head--Prof. W. Sylvanowicz, M.D.) and of the Department of Orthopedics and Pediatric Surgery (Head --Prof. A. Maciejewski, M.D.), Gdansk Medical Academy.

BITTEL-DOBZYNSKA, Nadzieja

Lymphocytic tuberculous and nontuberculous meningitis; differential diagnosis and therapy. *Pediat. polska* 29 no.7:669-676 July 54.

1. Z I Kliniki Chorob Dziecięcych Akademii Medycznej w Gdansk.
Kierownik: prof. dr med. H. Brokman.

(TUBERCULOSIS, MENINGEAL, in infant and child,
differ. diag. & ther.)

(MENINGITIS, in infant and child,
differ. diag. & ther.)

BITTEL-DOBRZYNSKA, N.; BOJ, E.; MADEJ, B.; MOZOLEWSKA, E.

Differential diagnosis of Letterer-Siwe disease from Hand-Schuller-Christian disease. *Pediat. polska* 29 no.9:904-909 Sept 54.

1. *Z I. Kliniki Chorob Dziecięcych Akademii Medycznej w Gdansk.*
Kierownik: prof. dr med. H. Brokman. *Z Zakładu Anatomii Patologicznej Akademii Medycznej w Gdansk.* Kierownik: prof. dr med. W. Czarnocki.
Z Zakładu Radiologii Akademii Medycznej w Gdansk. Kierownik: prof. dr med. W. Grabowski.

(RETICULOENDOTHELIOSIS,

Letterer-Siwe dis., differ. diag. from Hand-Schuller-Christian dis.)

(LIPOIDOSIS,

Hand-Schuller-Christian dis., differ. diag. from Letterer-Siwe dis.)

BITTEL-DORBEZYNSKA, Nadzieja

Turner's syndrome in normal urinary gonadotropins. *Pediatr. polska*
30 no.7:559-564 July '55.

1. Z I Kliniki Chorob Dziecięcych A.M. w Gdanaku. Kierownik:
prof. dr med. K. Wricinski. Gdanak, Kopernika 1.

(TURNER SYNDROME, urine in,

gonadotropins, normal level)

(GONADOTROPINS, PITUITARY, in urine,

in Turner synds., normal level)

(URINE,

gonadotropins, normal level in Turner synd.)

BITTEL-DOBZYNSKA, Madzieja, Gdansk, Kopernika 1.

Role of vitamin C in metabolic processes with special reference
to infectious diseases. *Pediat.polska* 30 no.8:717-722 Aug '55.

(COMMUNICABLE DISEASES, metabolism in,
vitamin C, review)

(VITAMIN C, metabolism,
in infect. dis., review)

BITTEL-DOBZYNSKA, Madsieja (Gdansk-Wrzeszcz, ul Debinki 7a)

Malignant hypertension in paraganglioma. Pediat. polska 32 no.6:
691-699 June 57.

1. Z I Kliniki Chorob Dzieciacych A. M w Gdansku Kierownik: prof.
dr med. K. Erecinski.

(PARAGANGLIOMA, compl.

malignant hypertension (Pol))

(HYPERTENSION, compl.

paraganglioma in malignant hypertension (Pol))

BITTEL-DOBRZYNSKA, Nndzieja; WALCZYNSKI, Zbigniew

A case of diphtheria with numerous complications in a 9 year old girl. Pediat. polska 32 no.7:854-858 July 58.

1. Z I Kliniki Chorob Dzieci A. M. w Gdansk Kierownik: prof. dr med.
K. Krecinski. Adres: Gdansk-Wrzeszcz, ul. Debinki 7.
(DIPHTHERIA, case reports
(Pol))

~~BITTEL-DOBZYNSKA, Nadsieja~~

Hypofunction of the thyroid in the light of observations at the
Children's Endocrinological Clinic in Gdansk. Polski tygod. lek.
14 no.35:1612-1618 31 Aug 59

1. Kierownik Poradni: prof. A. Brecinski)
(HYPOTHYROIDISM, in inf. & child)

BITTEL-DOBRZYNSKA, Madzieja; ZYCHOWICZ, Czeslaw

A case of diabetes in a child with pronounced fat intolerance.
Pediat.polska 34 no.10: 1328-1332 0 '59.

1. Z I Kliniki Chorob Dzieci A.M. w Gdansk. Kierownik: prof.dr.
med. K.Brecinski.

(FATS)

(DIABETES MELLITUS compl.)

BITTEL-DOBRZYNSKA, Nadzieja

Problem of juvenile goiter. Polski tygod.lek. 15 no.31:464-465
28 Mr. '60.

1. Z Przychodni Endokrynologii Dziecięcej w Gdansk; kierownik:
prof.dr med. K. Brecinski.
(GOITER in adolescence)

BITTEL-DOBZYNSKA, Nadzieja

Cushing's syndrome in 12-year-old boy. Polski tygod.lek. 15 no.24:
919-921 13 Je '60.

1. Z I Kliniki Chorob Dzieciacych A.M.G. w Gdansk; kierownik:
prof. K. Erecinski.

(CUSHING'S SYNDROME in inf & child)

KRECINSKI, Kasimierz; BITTEL-DOBRZYNSKA, Nadzieja; MOSTOWIEC, Stanislaw

Progeria syndrome in 2 brothers. Polski tygod. lek. 16 no.21:
806-809 22 My '61.

1. Z Przychodni Endokrynologii Dzieci i z I Kliniki Chorob
Dzieci A.M. w Gdansk; kierownik: prof. dr K. Krecinski.

(PROGERIA genetics)

BITTEL-DOBRZYNSKA, Nadzieja; WALCZYNSKI, Zbigniew; MAZUR, Elzbieta

Thrombocytopenia during the course of lamblasis. Wiadomosci parazyt.
8 no.4:463-467 '62.

1. I Klinika Chorob Dzieci AM, Gdansk.

(GIARDIASIS blood) (THROMBOPENIA etiol)

~~BITTEL-DOBRZYNSKA~~, Nadzieja; PRUS, J. dwiga; JANUKOWICZ-LORENZ, Halina;
~~KRZYZANOWSKA~~, Olga; RYNKIEWICZ, Henryk

Radioactive iodine (I-131) tests in dwarfism syndromes. Endokr.
Pol. 14 no.6:597-602 N-D '63.

1. Przychodnia Endokrynologiczna i Oddział Endokrynologii
Dziecięcej i Kliniki Chorob Dzieci Akademii Medycznej w Gdansk
(Kierownik: prof. dr K. Erecinski) i Zakład Fizyki Lekarskiej
Akademii Medycznej w Gdansk (Kierownik: prof. dr J. Adamczewski).

POLAND

RITTEL-DOBZYNSKA, Nadzieja, KSIEZOPOLSKA, Alicja, and BOB-
ROWSKI, Jerzy; First Clinic of Child Diseases (I Klinika
Chorob Dzieci) (Director: Prof. Dr. med. K. ERECINSKI)
and Department of Medical Microbiology (Zaklad Mikrobiolo-
logii Lekarskiej) (Director: Prof. Dr. med. S. KRYNSKI),
both of the AM [Akademia Medyczna, Medical Academy] in
Gdansk

"Generalized Candidiasis in the Course of Rheumatic Myo-
and Endocarditis in a Child."

Warsaw, Przegląd Epidemiologiczny, Vol 17, No 3, 63, pp
257-259.

Abstract: [Authors' English summary] Authors describe a
case of generalized candidiasis with simultaneous lesions
of heart, lungs, and paranasal sinuses. Candida albicans
cultures were grown from material taken from the digestive
tract, urine, and the paranasal sinuses. Child improved
after antimycotic treatment. There are no references.

1/1
1588
CSO: 2000-N

END

33

ERECINSKI, Kazimierz; ~~BITTEL-BOBRZYNSKA~~, Nadzieja, STOLARCZYK, Julian

Chronic pyelonephritis in children. Pol. przegl. chir. 35 no.11:
Supplement:1307-1313 N°63

1. Z I Kliniki Chorob Dzieci AM w Gdansk (kierownik: prof.dr.
K. Erecinski) i z Zakladu Anatomii Patologicznej AM w Gdansk
(kierownik: prof.dr.W.Czarnocki).

*

BITTEL-DOBZYNSKA, Nadzieja

Vitamin D-resistant rickets. Pediat. pol. 38 no.3:329-333
'63.

(RICKETS) (VITAMIN D)

BITTEL-DOBRZYNSKA, Nadzieja; WALCZYNSKI, Zbigniew.

A case of spontaneous thrombocytopenia with an unusual course. Pediat. Pol. 38 no.12:1079-1080 D'63

1. Z I Kliniki Chorob Dzieci AM w Odansku; kierownik:
prof.dr.med. K.Krecinski.

*

BITTMAN-DOBREZYNSKA, Nadzieja; SINIECKI, Bogdan

"Cutis laxa" (Ehlers-Danlos syndrome) with congenital hip dislocation. Endokr. Pol. 15 no.42/69-479 JJ-Sg '64

1. Poradnia Endokrynologiczna dla Dzieci w Gdansk (Kierownik: prof. dr. K. Frecinski) oraz Szpital Powiatowy w Starogardzie Gdanskim (Dyrektor: dr. B. Siniecki).

~~BITTEL-DOBRZYNSKA~~, Nadzieja; WALCZYNSKI, Zbigniew

Intracranial complications in malignant granuloma. Pol. tyg. lek.
19 no.37:1422-1423 S 14 '64

1. Z I Kliniki Chorob Dzieci Akademii Medycznej w Gdansk
(Kierownik: prof. dr. K. Erecinski).

MALECKA-DYMNECKA, Stanisława; BITTEL-DOBREZYNSKA, Nadzieja

Electrocardiographic changes in hypothyroidism in children.
Pediat. Pol. 40 no.9:925-930 S '65.

1. Z I Kliniki Chorob Dzieci AM w Gdansk i z Poradni Endo-
krynologicznej dla Dzieci przy PSA nr. 1 w Gdansk (Kierownik:
prof. dr. med. K. Erecinski).

SHMUGLYAKOV, L.S., doktor tekhn. nauk, prof.; BARLIT, V.V., kand.
tekhn. nauk, dotsent; BITTENEK, A.I., inzh.; POTETENKO, O.V., inzh.

Development of the runners of high-pressure Francis turbines.
Izv. vys. ucheb. zav.; energ. 9 no.1:87-95 Ja '66.

(MIRA 19:1)

1. Khar'kovskiy politekhnicheskii institut imeni V.I. Lenina.
Predstavlena kafedroy gidravlicheskih mashin. Submitted April 24,
1965.

CA

17

Polarographic determination of cinnamaldehyde in cinnamon bark and pharmaceutical preparations. B. Blitter, O. Hand, and F. Santavy. *Chem. Listy* 43, 137-40 (1949).—The contents of cinnamaldehyde, BzH, and possibly cuminaldehyde in cinnamon bark, oil, tincture, and H₂O were estd. on the basis of calibrating curves made with pure cinnamaldehyde and BzH. Powd. cinnamon (2.5-5 g.) was extd. 10 hrs. with CHCl₃, the CHCl₃ distd., the residue dissolved in EtOH and made up to 100 ml.; 1 ml. of the stock soln. was mixed with 1 ml. EtOH and 2 ml. 0.1 N NH₄Cl and polarographed. The procedure with the pharmaceutical preps. is similar, the measurements being carried out in aq. or alc. solns.
M. Hudlicky

CA

17

Determination of cuminaldehyde in cumia seed. V.
Sopara and B. Bitter. *Chem. Listy* 43, 140-1(1949).--
Cumia seed (1 g.) was subjected to steam-distn. The
first 40 ml. of the distillate were dild. with 40 ml. EtOH
and a sample was polarographed after the addn. of 0.1 N
NH₄Cl. The curve was compared to a standard using
cuminaldehyde. M. Hudlický

CA

17

Polarography of carvone and its determination in drugs and essential oils. H. Riller and J. Manik. *Chem. Zvest.* 43, 215-7 (1949). — Carvone (I) was reduced polarographically in an aq. KOH soln. contg. 0.1 N LiCl as an electrolyte. By means of calibrating curves made with pure I, the contents of I in essential oils and the drugs *Semen Carvi* and *Semen Anethi* was estimated. The oil was dissolved in 10 times its vol. of EtOH, distd. with 100 times its vol. of H₂O, and mixed with an equal vol. of 0.2 N LiCl. It was polarographed under N₂. The drug (2.5 g.) was extd. 6 hrs. with EtOH, EtOH was distd., the residue dissolved in EtOH (25 ml.), mixed with 25 ml. 0.2 N LiCl, and polarographed under N₂. M. Hudlický

17

CA

Polarographic determination of diosphenol. H. Ritz,
and J. Hlobza. *Chem. Listy* 43, 208-9 (1949).—The
half-wave potential of EtOH diosphenol soln. in 0.2 N LiCl
soln. was measured, a calomel electrode being used. The
method was applied to the detn. of diosphenol (I) in Oleum
Bucco. The 100 mg.-% soln. of (I) in 90% EtOH (2 ml.) was
mixed with 2 ml. of 0.2 N LiCl, 0.2 N LiCl with 1 drop of
NH₄OH, 0.1 N NH₄Cl, or 0.2 N LiOH and polarographed
under N₂ or H₂. Linear dependence on the concn. was
found. The calibrating curves were used for the detn.
of I in Oleum Bucco. M. Hudlický

C A

Polarographic behavior of reductic acid V. Santavy
and H. Biane (Palacky Univ., Olomouc). *Collection*
Czechoslov. Chem. Commun. 13, 112 16 (1979) (in English).
—Polarographic measurements of ascorbic acid (I) in
Britton-Robinson universal buffer were identical with
those of Vascin (C.A. 44, 1782d). Measurements of re-
ductic acid (2,3-dihydroxy-2-cyclopenten-1-one) (II)
in the same buffers and 0.2 N Li salts showed that $E_{1/2}$
(oxidation) for II is about 32 mv. more pos. than for I.
II is not reducible. K. G. Stone

CA

17

Polarography of some essential oils. H. Müller (Palack Univ., Olomouc). *Collection Czechoslov. Chem. Commun.* 15, 677-90 (1950) (in English); cf. C.A. 44, 9123f-i, 1950e. Various aldehydes were detd. by using 80-100 mg. % solns of some essential oils in 90% a.c. suitably dild. and mixed with LiCl or NH₄Cl solns. The aldehydes and essential oils were: benzaldehyde in aqua laurocerasi and aqua amygdalarum amarum; cinnamaldehyde in oleum anisi stellati, oleum anisi, and oleum foeniculi; cuminaldehyde in fructus cumini, cinnamaldehyde in oleum and cortex cinnamomi; citral in oleum verbenae; carvone in oleum carvi, oleum menthae crispae, oleum anethi, and oleum palmarosae; and pulegone in oleum and herba pulegi. A terpene ketone, diosphenol, was detd. polarographically in oleum buchu. A terpene peroxide, ascaridole, was similarly detd. in oleum chenopodii and oleum boldo. The following half-wave potentials (vs. satd. calomel electrode) were found: carvone 1.73 v., pulegone 1.81 v., diosphenol 1.80 v. (all in 0.2 N LiCl), ascaridole 0.80 v. (in 0.2 N Li₂SO₄). Otto H. Müller

1951

CA

Pharmacological
Pygmaus 17

Polarography of ascaridol. B. Bitter (Palacky Univ., Olomouc). *Sbornik Medicin. Prace. Praha*. 1st Congr. 1931, Pt. I., Proc. 770-1 (in Russian), 771-3 (in German).—The terpene peroxide ascaridol is reduced at the dropping-Hg electrode in 0.2 N Li_2SO_4 . Between pH 4.8 and 11.3 it has a const. half-wave potential of -0.60 v. vs. satd. calomel electrode. In the ethereal oil of *Chenopodium anthelminticum* there is 60-75%, in oleum boko 44% of ascaridol. Otto H. Müller

BITTER, Jaroslav

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: MD

First Internal Department, Kraj Institute for People's Health (I. interní
Affiliation: prof. Jení KUNZ) Chief Dr O. DUB; Usti n. L.

Source: Prague, Praktický Lekar, Vol 41, No 15-16, Aug 21, 1961; pp 706-707

Data: "Successful Treatment of Acute Poisoning with Arsenic"

000 001000

HUNGARY

BUCSINA, Dr Oliver, and ~~BITTER~~, Dr László. National Traumatological Institute
(Országos Traumatológiai Intézet) (Director: Prof Dr György SZANTÓ)

"A Rare Case of Giant-Cyst Neurinoma Originating in the Greater Omentum"

Budapest, Magyar Sebeszet, Vol 19, No 5, Oct 66; pp 330-332.

Abstract: A case of large-cyst neurinoma originating in the greater omentum is described. The syndrome caused diagnostic difficulties: it exhibited the clinical symptoms of a malignant tumor and led to a serious deterioration of the patient's condition. Authors state that in cases such as this no diagnostic help may be expected from laparoscopy, and they recommend the performance of an exploratory laparotomy at the earliest possible time.
3 References, all Western.

LILLE, Yu.E. [Lille, J.]; KUNDEL', Kh.A. [Kundel, H.]; BITTER, Ya.I.
[Bitter, J.]

Development of gas chromatography methods for the control of
the purification of shale gas for public utilities. Khim. i
tekh. gor. slan. i prod. ikh perer no.13:126-131 '64.
(MIRA 18:9)

BITTERA, L.

The possibilities of covering roads with a cement floor in mining.

p. 60 (A Banyaterv Kozlemenyei) No. 5, July 1957, Budapest, Hungary

SC: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

BITTERA, L.

A BANYATERV KOZLEMENYEL. (Banyaszati Tervezo Intezet) Budapest.

Constructing roads based on cement, covered by asphalt by pre-mixing. p. 37.

No. 9, Dec. 1958.

Monthly List of East European Ac^{cc}essions (EEAI), LC, Vol. 8, No. 3,
March 1959 Unclass.

BITTERA, L.

Roads stabilized by calcium chloride. p. 45

A BANYATERV KOZLEMENYEL. (Banyaszati Tervexo Intezet) Budapest,
Hungary, Vol. 12, No. 10, March 1959.

Monthly List of East European Accessions (EEAI) IC, Vol. 8, No. 7,
July 1959.

Uncl.

BITTERA, Laszlo, okleveles mernok

Usability of local materials in mining road construction. Banyaterv
no.14:30-39 Ag '62.

BITTERA, R.

"Preservation of milk by alkali carbonate-peroxyhydrate", Tejjazdasag 7,
pp 21-24, 1949.

NOTE: See card for CSISZAR, J. for abstract.

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205420001-7

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205420001-7"

BITTERA, R.

"Swelling of cheese and measures for its elimination." *Élelmezési Ipar*, Budapest, Vol. 8, No. 1, Jan. 1954, p. 14,

SO: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, L.C.

L 00636-67 EWT(1)/I IJP(c)

ACC NR: AP6024702

SOURCE CODE: CZ/0024/65/000/009/0237/0239

AUTHOR: Bitterer, Ladislav (Engineer); Novak, Pavol (Engineer; Candidate of sciences)

ORG: College of Transportation, Zilina (Vysoka skola dopravna)

TITLE: Stereometric camera^{h^o} for close photogrammetry ^{2^o}

SOURCE: Geodeticky a kartograficky obzor, no. 9, 1965, 237-239

TOPIC TAGS: photogrammetry, aerial camera, topographic camera

ABSTRACT: The article describes a stereometric camera for close photogrammetry made in the laboratory of the Graduate School from old parts, as such cameras are not produced in Czechoslovakia. The method used to determine the characteristics of the instrument is given. This paper was presented by Engineer, Candidate of Sciences Eugen Adler, SVST, Bratislava. Orig. art. has: 3 figures and 4 formulas. [JPRS]

SUB CODE: 14, 08 / SUBM DATE: none / ORIG REF: 004 / OTH REF: 001

Card 1/1 pb

UDC: 528.711.114

0913 8519

1ST AND 2ND ORDERS		PROCESSING AND PROPERTIES NOTES	
<i>BITTER LITH, A I</i> The method of obtaining ductile carbon black. A. I. Bitterlich, <i>Caoutchouc and Rubber</i> (U. S. S. R.) 1938, no. 3, 16-18. In the 1st method, C black is treated in a revolving Fe drum with wet steam (1 atm.) for 15-25 min., pressed into briquets and dried at 120° for 1.5-2 hrs. In the 2nd method C black is treated in a revolving drum with 1.5% softener (pine tar, Kokol or Butamite) and pressed into briquets. The softener was fed at 130-40° into the drum through an oil vaporiser under 0.7 atm. pressure.		18	
ASAC-3LA METALLURGICAL LITERATURE CLASSIFICATION		RELATIONS	

21(7)

807/10-25-7.10/51
M. S. Salotaria, A. V.

2022

Smock, E.; Mitteilungen, 22.

PROTOCOL

Zavershiya Andreev i nak zhen. Seriya Fisicheskaya, 1979.
№ 2 na str. 7. na 668-874 (USSR)

Abstract

[illegible]

Case 17

100-150, a post-lum escrow is observed, which is associated with a soft movement. The measured intensities are shown in a diagram (Fig. 1). The diagram No. 160 shows that the transition from the first to the second stage of the decay, it is further confirmed that the number of post-lum is the decay is equal to 0.56. The authors found 55 new scintillation lines which are compiled in table 2 together with the known lines. The experimental results were compared with the theoretical results, and it became clear that some lines are missing, two ranges E-lines of other intensities. Fragments of the spectrum of E-lines of other intensities. In addition, the half-width of the spectrum is indicated. It is ascertained that in diagram 2 there is a group of lines the identification of which is very difficult. From the results obtained hitherto in this

Case 2/5

paper, and in other papers, the extensive level scheme of the isotope Dy^{160} is set up, and the balance of the intensities in Eu^{160} is evaluated. There are 4 figures, 3 tables, and 2 series references.

ASSOCIATION: Nonmember-Nonaccelerated/Lebedevsky Institute Leningradskoye
Gen. Universiteta in. A. A. Zhdanova
(Scientific Research Institute of Physics of the Leningrad
State University named A. A. Zhdanov)

Card 3/3

18(5), 8(5)

SOV/112-59-5-9050

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 5, p 91 (USSR)

AUTHOR: Bitterlikh, R. I.

TITLE: A Large ~~Mine-Hoist~~ Motor

PERIODICAL: Prom.-ekon. byul. Sov. nar. kh-va Sverdl. ekon. adm. r-na,
1958, Nr 4, pp 19-20

ABSTRACT: The "Uralelektroapparat" plant built the world's largest type DPP 381/110-24 DC motor for a mine-hoist first-motion drive in 1957. Principal data of the DPP 381/110-24 motor is compared with that of other mine-hoist motors in the following table:

Card 1/3

SOV/112-59-5-9050

A Large Mine-Hoist Motor

	DPP 381, UEA plant	PBK 380, KhEMZ plant	AEG motor
Power, kW	3,800	2,000	3,700
Speed, rpm	38.2	30	51
Rated torque, ton.m	97	65	71
Voltage, v	650	900	800
Hoist speed, m/sec	up to 16		up to 20
Mine depth, m	1,200		1,050
Cargo weight, ton	25		24
Capacity, ton/hr	670		625

At variance with the AEG set with its generator-motor scheme, the DPP 381/110-24 motor is supplied by RMNV 1,000 x 6 mercury-arc rectifiers

Card 2/3

SOV/112-59-5-9050

A Large Mine-Hoist Motor

connected in a cross-type 12-phase circuit; this is the first installation of its kind in the USSR. The rectifier group includes special TMR-5600 transformers, ROS-4200 reactors, and 6VAB-15 and VAB-20-5000 high-speed circuit-breakers. The mine hoist is automatically controlled. The motors are equipped with an independent closed-circuit ventilation. Two doors and viewing windows are provided for servicing the commutator and brush gear. The motor is equipped with a tachometric generator and a centrifugal switch.

I.I.S.

Card 3/3

AUTHOR: ~~Bitterlikh, B.I.~~ Engineer SOV/110-59-7-3/19

TITLE: Direct-Current Motors and Generators of the Uralelektro-
apparat Works (Dvigateli i generatory postoyannogo toka
zavoda "Uralelektroapparat")

PERIODICAL: Vestnik elektromyshlennosti, 1959, Nr 7, pp 9-14 (USSR)

ABSTRACT: The production of d.c. machines commenced in the
"Uralelektroapparat" Works in 1943. In 1944, the works
developed turbo-excitors series VT which are still being
made in modernised form. The idea was to design a
standard turbo-exciter which could be used to replace any
defective exciter. Hence the machine had its own
bedplate and two pedestal bearings. A simple type of
coupling is used to connect the exciter to the alternator.
A typical turbo-exciter is illustrated in Fig 1, and the
principal technical data of the series are given in
Table 1. The Uralelektroapparat works is a principal
supplier of skip-winding equipment for blast furnaces.
The main characteristics of these motors are given and a
typical example is illustrated in Fig 2. Large slow-
speed winding motors for mines are built; their technical
Card 1/2 characteristics are given in Table 2. A typical motor
of this kind is illustrated in Fig 4. The advantages of

SOV/110-59-7-3/19

Direct-Current Motors and Generators of the Uralelektroapparat Works the Ward Leonard system of control are described, and a general description is given of the construction of winding motors. The works manufactures d.c. rolling-mill motors and has recently built two motors type DPP310/150-18 each of 4600 kW for driving a slabbing mill. Two similar motors of 4400 kW have been built to replace existing motors. In 1958 the 'Uralmash' works manufactured a new oil-drilling installation with diesel-electric drive. The motors and generators for these sets were designed and manufactured by the 'Uralelektroapparat' works. Direct current is used to supply the main motors on this drilling rig. One of the motors used in the sets is illustrated in Fig 5. Special constructional features of the machines are briefly described. In addition to the machines mentioned, the works manufactures other d.c. machines for various applications.

Card 2/2 There are 6 figures and 2 tables.

BITTERNIKH, R. I. and TUGARINOV, N. P.:

"Instructions on the Operation of Series-VT Turboexciters" (Instruktsiya po ekspluatatsii turbovozbuditeley serii VT), Central Bureau of Technical Information, Ministry of Electrical Industry USSR, 1949, 25 pp.

BITTEROWA, C.

A new branch of the food industry. p. 240. (PRZEMYSŁ ROLNY I SPOŻYWCZY, Vol. 8, No. 7, July 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

BITTEYEVA, M.B.

Method of estimating the fungicidal effect of antibiotics.

Trudy Inst. mikrobiol. i virus. AN Kazakh. SSR 3:42-45 '59.

(MIRA 13:2)

(DERMATOPHYTES) (ANTIBIOTICS)

YEGOROV, N.S.; POPOVA, O.Ye.; BITTEYEVA, M.B.; BULGAKOVA, V.G.; GOFMAN, K.

Influence of the products of vital activity of bacteria on the growth and antibiotic properties of various actinomycetes. Mikro-biologiya 29 no.2:269-275 Mr-Apr '60. (MIRA 14:7)

1. Biologo-pochvennyy fakul'tet Moskovskogo gosudarstvennogo universiteta imeni M.V.Lomonosova.
(ACTINOMYCES) (BACTERIA)

BITTEYEVA, M.B.

Conditions of aurantin synthesis by Actinomyces aurantiacus. Dokl.
AN SSSR 135 no.1:189-192 M '60. (MIRA 13:11)

1. Moskovskiy gosudarstvennyy universitet im.M V.Lomonosova.
Predstavleno akademikom V.N.Shanoshnikovym.
(ACTINOMYCIN)

NEFELOVA, M.V.; BITTEYEVA, M.B.

Synthetic medium for the development of actinomycetes producing
aurantin. Nauch. dokl. vys. shkoly; biol. nauki no.3:159-162 '61.
(MIRA 14:7)

1. Rekomendovana laboratoriyey antibiotikov i kafedroy mikrobiologii
Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova.
(ACTINOMYCES) (BACTERIOLOGY--CULTURES AND CULTURE MEDIA)
(ANTIBIOTICS)

BITTEYEVA, M.B.

Taxonomic position of Actinomyces producing the antibiotic aurantin.
Mikrobiologiya 31 no.4:601-607 J1-Ag '62.

(MIRA 18:3)

1. Biologo-pochvennyy fakul'tet Moskovskogo gosudarstvennogo universiteta imeni Lomonosova.

BITTEYEVA, M.B.

Characteristics of the growth and development of *Actinomyces aurantiaeus* in submerged cultures and relation between the antibiotic synthesis and the composition of the medium. Nauch. dokl. vys. shkoly; biol. nauki no.4:160-166 '61. (MIRA 14:11)

1. Rekomendovana kafedroy mikrobiologii Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova.

(ACTINOMYCES) (ANTIBIOTICS)
(BACTERIOLOGY—CULTURES AND CULTURE MEDIA)

BITTEYEVA, M. B.

Dissertation defended at the Institute of Microbiology for the academic degree of Candidate of Biological Sciences: (1962)

"Conditions for Formation of the Antibiotic Auroitin."

Vestnik Akad Nauk No. 4, 1963, pp. 119-145

ROSENZWIG, S.; BITTMAN, R.

Study of the cases of rheumatic diseases and cardiovascular diseases hospitalized at the medical clinic of the State Hospital No. 5 (philanthropic) from 1940 to 1950. Probl. reumat., Bucur. Vol. II.:25-48 1954.

(RHEUMATISM, compl.
cardiovascular dis., hosp. statist. in Rumania)
(CARDIOVASCULAR DISEASES, compl.
rheum. dis., hosp. statist. in Rumania)

EXCERPTA MEDICA Sec.2 Vol.10/6 Phy.Biochem. June 57

2531. BITTMAN E. and PASCALOV-STOENESCU L. *Contribuții la studiul curen-
tului monofazic de acțiune al inimii. The monophasic current of
the heart REV. FIZIOL. NORM. PATOL. 1956, 3/3 (346-353) Illus. 8

To investigate the mechanism of modifications of the monophasic action current
under the action of chemical mediators and of cardiac nerve stimulation, a lesion
was made in the left ventricular wall close to the apex and the recording electrode
was placed at this point, with the indifferent electrode on a limb of the animal (cat,
dog or rabbit). The effects of stimulation of the peripheral vagus stump or in-
jection of ACh, and of sympathetic stimulation or adrenaline injection, were then
studied. Vagal stimulation (or ACh) lowered the monophasic curve and caused a
terminal deflection of opposite sign to the monophasic curve (negative after-potent-
ial sign of negativizing activity in the heart). Sympathetic stimulation (or adrena-
line) raised the monophasic curve and sometimes caused a terminal deflection of
the same sign as the monophasic curve (positive after-potential; positivizing ac-
tivity in the heart). These changes in the monophasic curve cannot be interpreted
by simple vectorial analysis, as the modificatory factor acts at the same time on
the intact tissue, the lesion and the perilesional zone.

. Graur - Bucharest (II 18)

RUMANIA / Human and Animal Physiology (Normal and Pathological). T-4
Blood.

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 60288

Author : Arsenescu, Gh.; Zamfirescu, N.; Bittman, E.

Inst : Not given

Title : Evaluation of the Methods of Determination of the Speed
 of Propagation of Excitation in Different Points of the
 Epicardial Ventricles of Mammals in Situ

Orig Pub : Fiziol. norm. si patol., 1956, 3, No 5, 567-575

Abstract : The existing methods are based on the evaluation of the
 moment of origin of the inner deflection in the plain
 unipolar EKG; the author states that the moment of the
 emergence of the inner deflection does not reflect the
 moment of the excitation of the point located under the
 electrode, but corresponds to the location of the point
 in the positive zone of the corresponding integral

Card 1/2

BITTMAN, E.

ARSENESCU, Gh.; CONSTANTINIU, I.; CORNEANU, M.; BITTMAN, E.; IONESCU, V.

Studies of the effect of atropine on the nervous system. I. Effect of atropine on the excitability of the higher nervous centers and on neuromuscular excitability in humans. Bul. stiint., sect. med. 8 no.4:919-936 Oct-Dec 56.

(ATROPINE, effects

on neuromusc. & higher nerv. center excitability, in humans)

(NERVE ENDINGS, eff. of drugs on

atropine, on neuromusc. excitability)

(CEREBRAL CORTEX, eff. of drugs on

atropine, on excitability of higher nerv. centers)

RUMANIA/Human and Animal Physiology - Blood Circulation.

T-5

Abs Jour : Ref Zhur - Biol., No 7, 1958, 31679

Author : Ionescu, V., Bittman, E., Pascalov-Stoenescu Lidia,
Teodorini Sanda

Inst : -

Title : On the Problem of Conduction of Potentials of an Electrical
Field of the Heart.

Orig Pub : Fiziol. norm. si patol., 1957, 4, No 2, 128-135.

Abstract : During experiments with attempts at insulation of the
heart from neighboring tissues, it is necessary to take
into account the fact that the rubber used for insulation,
in spite of the fact that it possesses great electric re-
sistance, permits some conduction of potentials. The
authors refute the data of Zhuv and collaborators (see
RZhBiol., 1956, 55495; 1957, 47639).

Card 1/1

- 41 -

Bittman, E.

V-4

RUMANIA/Human and Animal Physiology - Circulation.

Abs Jour : Ref Zhur - Biol., No 2, 1958, 8575

Author : E. Bittman

Inst :

Title : The Influence of the Cardiac Nerves on the Mammalian
Electrocardiogram

Orig Pub : Fiziol. norm. si patol., 1957, 4, No 2, 157-164

Abstract : In rabbits, dogs and cats anesthetized with urethane stimulation of the peripheral and of a transected vagus nerve produced reduction in the amplitude of the P wave, augmentation of the QRS complex, decrease in the ST interval, reduction in amplitude, diphasic form or negativization of the T wave; sinus bradycardia and conduction disturbances were seen. Stimulation of the cardiac branches of a sympathetic nerve led to an increase in amplitude of the P wave, reduction in amplitude of the R wave and enlargement of the T wave; tachycardia was observed. In cases of

Card 1/2

EXCERPTA MEDICA Sæc 2 Vol 12/12 Physiology Dec 59

5881. PHARMACOLOGY OF HYDROXYZINE. I. ACTION ON CARDIOVASCULAR EFFECTS OF ELECTRICAL STIMULATION OF SOME CENTRAL AUTONOMIC NERVOUS STRUCTURES - Contribuții la studiul farmacodinamiei hidroxizinei. Nota I. Acțiunea hidroxizinei (atarax) asupra efectelor cardiovasculare produse prin excitarea electrică a unor structuri vegetative centrale - Bittman E. and Răiciulescu N. - STUD. CERCET. FIZIOL. 1958, 3/4 (483-493) Tables 1 illus. 5

Electrical stimulation of 45 points on the base of the brain was carried out in dogs after section of the spinal cord at C7-T1 or T2-T3 to suppress adrenaline secretion. Cardiovascular effects with ECG changes were evoked from 14 of these points. Hydroxyzine (10-36 mg./kg. i.v.) produced a reduction or suppression of the hyper- or hypotensive effects of stimulation of autonomic centres. It had less effect on the hypotensive effect preceding or following the hypertensive effect of hypothalamic stimulation and on the secretion of adrenaline induced by hypothalamic or rhinencephalic stimulation. The ECG changes produced by hypothalamic stimulation were also less influenced by hydroxyzine and even persisted after the drug had abolished the pressor effect.

Graur - Bucharest

RAICIULESCU, N.; CONSTANTINESCU, M.; BITTMAN, E.

Quantitative aspects of tensional effects produced by electric excitation of some vegetative central structure; a preliminary note. Studii cerc.fiziol. 4 no.3:397-408 '59. (MEAI 9:5)

1. Institutul de fiziologi normala si patologica "Prof. Dr. D. Danielopolu" al Academiei R.P.R.
(BRAIN) (ELECTROTHERAPEUTICS)

RAICIULESCU, N.; BITTMAN, E.; BARTEL, R.

Studies on some pharmacodynamic properties of hydroxyzine (atarax).
Acta physiol. hung. 15 no.2:201-215 1959.

1. (Institut de Physiologie Normale et Pathologique Prof. Dr. D.
Danielopolu de l'Academie de la Republique populaire Roumaine,
Bucarest.

(TRANQUILIZING AGENTS

hydroxyzine, pharmacodynamics (Fr))

BITTMAN, E.

Electroencephalogram of infants with a neurovascular syndrome at birth. Studii cerc fiziol 4 no.4:537-545 '59. (EEAI 9:9)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D.Danielopolu" al Academiei R.P.R.
(ELECTROENCEPHALOGRAPHY)
(NERVOUS SYSTEM)
(BLOOD VESSELS)
(INFANTS)

VASILESCU, V.; COVASNEANU, Zenobia; DUMITRESCU-PAPAHAGI, Elena; FOTINO, S.;
BITTMAN, E.; SUCMANSCHI, Maria; GHIZARI, Eugenia; IONESCU, C.

On some metabolic and hematological reactions of chemical workers to
nitroaromatic substances. Studii cerc fiziol 5 no.1:53-57 '60.
(EEAI 9:12)

1. Institutul de fiziologie normala si patologica "Prof. Dr.
D.Danielopolu al Academiei R.P.R. 2. Redactor responsabil adjunct,
Studii si cercetari de fiziologie (for Vasilescu)

(NITRO GROUP)
(AROMATIC COMPOUNDS)
(BLOOD)
(METABOLISM)
(CHEMICAL WORKERS)

VASILESCU, V.; BITTMAN, E.; FOTINO, S.; IONESCU, C.

Clinical and experimental studies on the action of some nitroaromatic derivatives upon the neuromuscular excitability. Studii cerc fiziol 5 no.1:59-65 '60. (EEAI 9:12)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D.Danielopolu" Al Academiei R.P.R.

(NITRO GROUP)
(AROMATIC COMPOUNDS)
(NERVOUS SYSTEM)
(MUSCLES)
(CHLORONITROBENZENE)
(TRINITROTOLUENE)
(NITRONAPHTHALENE)

FLORU, R.; ZAPAN, Gh.; BITTMAN, E.; COSTIN, A.; FLORU, Margareta; POPESCU, Irina; STERESCU-VOLANSCHI, Margareta

Physiological and psychological tests used in the comparative study of the fatigue of people who are working with calculating machines. Studii cerc fiziol 5 no.1:103-117 '60. (EEAI 9:12)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D.Danielopolu" al Academiei R.P.R.
(FATIGUE) (CALCULATING MACHINES)

ZAMFIRESCU, N.; FELBERG, B.; BITTMAN, E.

Studies on the relations between the electric and mechanical phenomena of the heart in pulmonary emphysema. Studii cerc fiziol
5 no.1:283-288 '60. (EEAI 9:12)

1. Institutul de fiziologie normala si patologica "Prof. Dr.
D.Danielopolu" al Academiei R.P.R.

(HEART)

(EMPHYSEMA, PULMONARY)

(ELECTROCARDIOGRAPHY)

RAICULESCU, N.; SCHIAU, S.; BITTMAN, E.; STOENESCU, R.

A method for determining the stereotactic hypothalamus in dogs. Studii
cerc fiziol 5 no.3:539-545 '60. (EEAI 10:2)

1. Institutul de fiziologie normala si patologica "Prof. Dr.
D.Danielopolu" al Academiei R.P.R.
(HYPOTHALAMUS) (X RAYS)

VASILESCU, V.; COVASNEANU, Zenobia; DUMITRESCU-PAPA HAGI, Elena; FOTINO, S.;
BITTMAN, E.; SUCMANSCHI, Maria; GHIZARI, Eugenia; IONESCU, C.

Clinical and laboratory investigations concerning metabolic, hematological, and neuromuscular excitability changes in workers from the nitro-aromatic compounds chemical industry. Rumanian M Rev. no.1:275 Ja-Mr '61.

1. The "Prof. Dr. Danielopolu" Institute of Normal and Pathological Physiology, Academy of the R.P.R., Director: Acad. Gr. Benetato.

(METABOLIC DISEASES)

(BLOOD DISEASES)

(NERVE ENDINGS diseases)

(OCCUPATIONAL DISEASES)

(TRINITROTOLUENE toxicology)

GLAVCEVA, Liuba; RAICULESCU, N.; BITTMAN, E.; GROZA, P.

Some aspects of the effect of the excitation of anterior hypothalamus on gastric functions; a preliminary note. Studii cerc fiziol 6 no.2: 301-310 '61.

1. Institutul de fiziologie normala si patologica "Prof. Dr. D. Danielopolu" al Academiei R.P.R. 2. Membru al Comitetului de redactie, "Studii si cercetari de fiziologie" (for Groza).

(HYPOTHALAMUS) (STOMACH)

BITTMAN, E.; RAICIULESCU, N.

Stereotaxic localization of the mesencephalic reticular formation
in mongrel dogs. Acta physiol. hung. 20 no.1:51-54 '61.

1. Institute for Normal and Pathological Physiology "Prof D.Danielopolu"
of the Academy of The Rumanian People's Republic,
(MESENCEPHALON anatomy and histology)

RAICIULESCU, N.; SCHIAU, S.; ~~BITTMAN, E.~~ STOENESCU, R.

A method for stereotaxic localization of the hypothalamus in mongrel dogs. Acta physiol. hung. 20 no.1:55-60 '61.

1. Institute for Normal and Pathological Physiology "Prof.
D.Danielopolu" of the Academy of the Rumanian People's Republic,
Bucharest.

(HYPOTHALAMUS anatomy and histology)

RAICIULESCU, N.; BITTMAN, E.

Vasomotor effects of hypothalamo-reticular interrelations. Rev.
sci. med. 7 no.3/4:193-196 '62.

(HYPOTHALAMUS)	(MESENCEPHALON)	(RETICULAR FORMATION)
(VASOMOTOR SYSTEM)		(BLOOD PRESSURE)

HUNGARY

BITTMAN, E., RAICIULESCU, N.; "D. Danielopolu" Institute of Normal and Pathological Physiology, Academy of Sciences [original language version not given], Bucharest, Rumania.

"Summation Phenomena in the Autonomic Nervous System."

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Vol XXIV, No 1, 1963, pages 101-115.

Abstract: [English article, authors' English summary] Acute experiments have been performed on 16 dogs and 27 cats (curare and chloralose anaesthesia), to study the tensional phenomena occurring in simultaneous activation of the central vegetative projections which play a role in the control of arterial blood pressure. Thus, besides some tensional changes which take place at simultaneous activation of the cortical and hypothalamic vasomotor projections, the relations between hypothalamus and midbrain reticular formation have been investigated, using as indicator the phasic changes of arterial blood pressure brought about by electric stimulation of those two nervous centers. Likewise, investigations have been carried out concerning the effect of hypothalamus and midbrain reticular formation stimulation on the on the sinocarotic pressor reflex induced by bilateral occlusion of the common carotid arteries. The results obtained indicated that simultaneous stimulation of the pressor points of the motor cortex and the hypothalamus and anterior rhinencephalon in dogs and cats induces a phenomenon of spatial summation generally, and an effect of the occlusive type, rarely.

1/2

18

HUNGARY

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Vol XXIV, No 1, 1963, pages 101-115

When induced by tensional effects of various values, the summation phenomenon had a linear character, its correlation coefficient being calculated in terms of the nervous areas explored. Simultaneous stimulation of the hypothalamus and the mesencephalic reticular formation usually brings about tensional effects of summation and, occasionally, occlusive or independent effects. Stimulation of these areas usually facilitates the sinocarotic pressor reflex and, in rare cases, hinders or does not influence it.

33 Western, 4 Eastern European references.

BITTMAN, E.; RAICIULESCU, N.

Summation phenomena in the autonomic nervous system. Acta
physiol. acad. sci. Hung. 24 no.1:101-115 '63.

I. D. Danielopolu* Institute of Normal and Pathological
Physiology, Academy of Sciences, Bucharest, Rumania.
(AUTONOMIC NERVOUS SYSTEM) (BLOOD PRESSURE)
(HYPOTHALAMUS) (LIMBIC SYSTEM)
(RETICULAR FORMATION)
(BRAIN ELECTROPHYSIOLOGY)

BITTMAN, E.; RAICULESCU, N.

A method for the stereotaxic localization of the mesencephalic reticulate formation in dogs. Studii cerc fiziol 5 no. 4: 767-771. 1960.

(Brain)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D. Danielopolu" al Academiei R.P.R.

NICOLAESCU, T.dr.; PARTENI, Lucia, dr. BITTMAN, E. dr.; STOICULESCU, P. dr.;
DIMITRIU, J. dr.; RUSOVICI, Lelia, dr.

Test with I-131 labeled FVP in patients with chronic hepato-
pathies and in gastrectomized patients. Med. intern. (Bucur)
10 no.5:541-546 My'64

1. Lucrare efectuata in Sectia clinica a Institutului de fi-
ziologie normala si patologica (director: acad. Gr.Benetato).

BITTMAN, E.; RAICIULESCU, N.

Effects of the mesencephalic reticular formation on some vegetative reflexes. Acta physiol. acad. sci. Hung. 26 no.1:191-192 '65

1. "D. Danielopolu" Institute of Normal and Pathological Physiology, Bucharest, Rumania.

NICOLAESCU, T., dr.; GABRIELESCU, Elena, dr.; GHIZARI, Eugenia, chim.;
STOICULESCU, P., dr.; BITTMAN, E., dr.; BORDEIANU, Aurelia, dr.

Aspects of protein metabolism of the liver during regeneration
after chronic liver diseases. Med. intern. (Bucur) 17 no.2:
199-207 F'65.

1. Lucrare efectuata in Sectia clinica a Institutului de
fiziologie normala si patologica "D. Danielopolu" al Academiei
Republicii Populare Romine (director: acad. Gr. Benetato).

L 45465-66

ACC NR: AT6033362

SOURCE CODE: HU/2505/65/026/01-/0191/0192

AUTHOR: Bittman, E.; Raiciulescu, N.

ORG: "D. Danielopolu" Institute of Normal and Pathological Physiology, Bucharest

TITLE: Effects of the mesencephalic reticular formation on some autonomic reflexes
[Paper presented at the symposium of the Hungarian Physiological Society held in
Budapest from 2-3 July 1963]

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 26, no. 1-2, 1965, 191-192

TOPIC TAGS: cat, dog, brain, neurophysiology, reflex activity

ABSTRACT: The effect of electrical stimulation of the mesencephalic reticular formation on some sympathetic and parasympathetic autonomic reflexes has been studied in acute experiments on cats and dogs under anaesthesia. In one set of experiments, the effect of liminal and supraliminal stimulation of the mesencephalic reticular formation by means of monophasic square wave current was studied on the carotid pressor reflex induced by bilateral occlusion of the common carotid for 15-20 sec. In another set of experiments, the effect of similar stimulation on the mesencephalic reticular formation was studied on the vesico-constrictor reflex induced by stimulation with monophasic rectangular pulses of the central end of the transected pelvic nerve. The results are discussed briefly in the report. A comparison of the two sets of experiments indicates that stimulation of the mesencephalic reticular formation usually facilitates the carotid sinus pressor reflex and inhibits the vesico-constrictor pelvic reflex. The functional significance of this finding has been discussed in the original article. [Orig. art. in Eng.] [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1 fv

0920 1384

BITTMAN, O.

Experience with the introduction of business accounting in the steel plant of the Gustav Klimen Ironworks in Bohumin. p.311. ENERGETIKA. (Ministerstvo paliv a energetiky. Hlavni sprava elektraren) Praha. Vol. 5, no. 5, May 1955

SOURCE: East European Accessions List, (EEA), Library of Congress, Vol. 4, no. 12, December 1955

BITTMANN, OTTO

RAPANT, Vladislav.; BITTMANN, Otto.

Direct & late effects of resection treatment in 433 patients with carcinoma of the stomach & cardia. Cas. lek. cesk. 96 no.27-28:875-882 5 July 57.

1. Chirurgická klinika v Olomouci, přednosta prof. Dr. Vl. Rapant.
(STOMACH NEOPLASMS, surg.
statist. (Cs))

BITTMANN, O.; DOUBRAVSKY, J.

Experience with peroperative manometry and radiography of the biliary tract. Cesk. gastroenter. 12 no.6:438-443 Nov 58.

1. Chirurgická klinika FV v Olomouci, přednosta prof. dr. V. Bapant
Rentgenologický ústav FV v Olomouci, přednosta prim. dr. J. Stratil
O. B. Olomouc, chirurg. klinika.

(CHOLANGIOGRAPHY,

perop. (Cs))

(BILIARY TRACT, surgery.

perop. manometry & x-ray (Cs))

BITTMANN, Otakar

Role of peroperative manometry and radiography in repeated surgery after cholecystectomy. Cas.lek.cesk.99 no.30-31:956-959 22 J1 '60.

1. Chirurgická klinika PU v Olomouci, prednosta prof. Dr. Sc.
Vl. Rapant.

(CHOLECYSTOGRAPHY)

(CHOLECYSTECTOMY)

BITTMANN, Otakar

~~SURNAME, Given Names~~

Country:

Czechoslovakia

Academic Degrees:

MUDr

Affiliations:

Surgical Clinic of Palacky University (Chirurgická klinika
Palackého university), Olomouc; Chief (Prednosta): Prof Dr
V Rapant

Sources:

Prague, Praktický Lekar, Vol 41, No 17, 5 September 1961,
pp 764-767

Data:

"Modern Methods of Distinguishing Disorders of the Bile
Ducts in Surgery."

25

SPD 981643

BITTMANN, O.

Non-malignant disease of the terminal segment of the choledochus
and its surgical treatment. Rozhl. chir. 41 no.6:403-409 Je '62.

1. Chirurgická klinika lékařské fakulty University Palackého v Olomouci,
prednosta prof. dr. Vl. Rapant, DrSc.

(BILE DUCTS diseases)

BITTMANN, O.

Results of early surgery in acute cholecystitis and cholelithiasis.
Rozhl. chir. 44 no.3:155-163 Mr '65

I. I. chirurgická klinika lékařské fakulty Palackého University
v Olomouci (prednost: prof. dr. V. Rapant, DrSc.).

R. H. man, S.

Distr: 4E2c(j) 7

Unsaturated polyamides and their copolymers. R. Mi-
haj, S. Bittman, and A. Rizea (Inst. recherches chim.
Bucharest, Roumania). *J. Polymer Sci.* 30, 423-9 (1958)
(in French).—The polycondensation of 0.4 mole maleic
anhydride and 1 mole $(CH_2NH_2)_2$ gave a viscous liquid,
insol. in H_2O , $PhCH:CH_2$, or $AcOCH:CH_2$, sol. in $CH_2:$
 $CHCN$ (I) and $CH_2:CHCH_2NH_2$ (II). The polyamide was
copolymerized with I or II, with peroxide catalysts and Co
naphthenate accelerator. The results obtained with I
were not consistently uniform. The copolymers can be
used as ion-exchange resins. The polyamide is a hardening
agent for epoxy resins. C. E. Feazel.

SB

1

15

1
amay

Jag

RUMANIA / High Molecular Chemistry.

I

Abs Jour: Ref Zhur-Khimiya, 1959, No 4, 14113.

Author : Mihail, R.; Bittman, S.; Corlateanu, P.

Inst : Not given.

Title : Polymerization of Ethylene by Means of Aluminum-alkyls. Characteristic Factors.

Orig Pub: Studii si cercetari chim., 1958, 6, No 1, 37-50.

Abstract: Methods for the regulation of the gram-molecular weight of polyethylene obtained by means of systems of $TiCl_4$ -aluminumalkyls (AA) were tested. [AA equals $Al(C_2H_5)_3$; $Al(C_2H_5)_2Cl$; $1/2AlC_2H_5Cl_2$.] It was found that the internal viscosity of the polymer decreases with the increase of the relative quantity of $TiCl_4$ (in the area of surplus of AA), and with an increase in the temperature of polymer-

Card 1/2

• RUMANIA / High Molecular Chemistry.

I

Abs Jour: Ref Zhur-Khimiya, 1959, No 4, 14113.

Abstract: ization (in the 40-70° interval). The internal viscosity of polyethylene increases with the increase in concentration of AA (in the interval from 0.2-0.5% $\text{Al}(\text{C}_2\text{H}_5)_2\text{Cl}$ in the solvent), and with the increase in content of the alkyl groups in AA. An increase in viscosity also indicated an increase of conversion. -- A. Arest-Yakubovich.

- END -

Card 2/2

147

CEAUSESCU, Elena; BITTMAN, Silvia; FIEROIU, Victoria; FLORESCU, Izabela;
IVASCU, Cornelia

Influence of impurities in the monomer in the stereospecific
polymerization of the isoprene. Rev chimie Roum 10 no.3:293-
299 Mr '65.

1. Chemical Research Institute of the Ministry of Petroleum and
Chemical Industry, Bucharest. Submitted July 28, 1964.

CEAUSESCU, Elena; BITTMANN, Silvia; FIEROIU, Victoria; FLORESCU, Isabela;
IVASCU, Cornelia

Influence of the impurities in the monomer in the stereospecific
polymerization of the isoprene. Studii cerc chim 14 no.3:271-
277 Mr '65.

1. Institute of Chemical Research, Bucharest, 202 Splaiul
Independentei. Submitted July 28, 1964.

~~BITMAR, W.~~

POL

3207

076.179.022.14(71)

Pustelnik Cz., Bittmar W. On the Usefulness of Certain Annual Plants as Raw Material for the Paper Industry.

„O przydatności niektórych roślin jednorocznych dla przemysłu papierniczego”. (Prace Inst. Celuloz.-Papiern. No. 1), Warszawa, 1953, PWT, 8 pp., 7 figs., 6 tabs.

The authors investigated the usefulness of the following annual plants for pulps manufacturing: *Ricinus communis*, *Papaver somniferus*, *Camellina sativa*, *Althaea officinalis*, *Althaea rosea*, *Carthamus tinctorius* and Albanian rush (Latin name unknown). After chemical analysis, the raw material was digested by the sulphate process, and in the case of *Carthamus tinctorius* by the neutral sodium sulphite process also. The results of cooking are shown in tables. The strength properties of pulps were determined before and after beating to 50%SR. The results of these investigations are shown in tables. The properties which the pulps were shown to possess indicate that the annual plants concerned could be useful in the papermaking and pulp industry. The best results were obtained with Albanian rush, *Ricinus communis*, *Camellina sativa* and *Althaea officinalis*.

BITTMAR, Wojciech

POLAND/Chemical Technology - Chemical Products and Their
Application. Cellulose and Derivatives. Paper.

H-33

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 27251

Author : Pustelnik Czeslaw, Bittmar Wojciech

Inst : Institute of Cellulose and Paper.

Title : Suitability of Some Annual Plants for the Paper Industry

Orig Pub : Prace Inst. celul.-papiern., 1953, 2, No 1, 29-34

Abstract : Results of pulping (by the sulfite method) of a number
of annual plants (Papaver somniferum, Althaea rosea,
Carthamus tinctorius, Ricinus communis, Camelina saliva,
Althaea officianalis, Albanian reed) and mechanical
characteristics of the cellulose thus obtained before
and after beating.

Card 1/1

POL. 4

(Determination of α -cellulose in pulps. Waickich Bittmar and Anna Głuchowska. *Prace Inst. Celul.-Papier.* 3, No. 2, 33-8 (1954).—Bleached sulfate and sulfite pulps having α -cellulose contents ranging from 86% to 97% were used in comparing the currently used gravimetric method (I) and titration method (II). The discrepancies of results obtained by each method, attaining in some cases 3%, are believed to be due to different conditions of pulp treatment after mercerization, rather than to the difference between the NaOH/dry pulp ratio or to the time of mercerization. Lower results obtained by I are probably due to the higher amt. of H_2O used during pulp washing after mercerization. II is preferred because of its accuracy, rapidity, and resemblance to the conditions used in the manuf. of artificial fibers from cellulose pulps.

T. R. Zegre

PENKA, Miroslav, prof. PhMr. RNDr. CSc.; KOCABOVA, Jirina; BITTNAROVA,
Blanka

Changes in the content of essential oil in the watered and
nonwatered plants *Lavandula spica* L. Acta pharmac 9:27-
46 '64.

1. Chair of Pharmaceutical Botany of the Faculty of Pharmacy,
Bratislava (for Kocabova and Bittnarova). 2. Higher School
of Agriculture, Brno-Cerna Pole (for Penka).